

Table 1: Amino acid substitutions of the WNV polyprotein gene that corresponds to the structural (C, E and M) and non-structural (1, 2A, 2B, 3, 4A, 4B and 5) proteins

NY99_USA_2005	M	S	K	K	P	G	G	P	G	K	S	R	A	V	N	M	L	K	R	G	M	P	R	V	L	S	L	I	G	L	[30]	
ATH002316_Kenya_2012	[30]
NY99_USA_2005	K	R	A	M	L	S	L	I	D	G	K	G	P	I	R	F	V	L	A	L	L	A	F	F	R	F	T	A	I	A	[60]	
ATH002316_Kenya_2012	[60]
NY99_USA_2005	P	T	R	A	V	L	D	R	W	R	G	V	N	K	Q	T	A	M	K	H	L	L	S	F	K	K	E	L	G	T	[90]	
ATH002316_Kenya_2012	[90]
NY99_USA_2005	L	T	S	A	I	N	R	R	S	S	K	Q	K	K	R	G	G	K	T	G	I	A	V	M	I	G	L	I	A	S	[120]	
ATH002316_Kenya_2012	N	[120]
NY99_USA_2005	V	G	A	V	T	L	S	N	F	Q	G	K	V	M	M	T	V	N	A	T	D	V	T	D	V	I	T	I	P	T	[150]	
ATH002316_Kenya_2012	[150]
NY99_USA_2005	A	A	G	K	N	L	C	I	V	R	A	M	D	V	G	Y	M	C	D	D	T	I	T	Y	E	C	P	V	L	S	[180]	
ATH002316_Kenya_2012	[180]
NY99_USA_2005	A	G	N	D	P	E	D	I	D	C	W	C	T	K	S	A	V	Y	V	R	Y	G	R	C	T	K	T	R	H	S	[210]	
ATH002316_Kenya_2012	[210]
NY99_USA_2005	R	R	S	R	R	S	L	T	V	Q	T	H	G	E	S	T	L	A	N	K	K	G	A	W	M	D	S	T	K	A	[240]	
ATH002316_Kenya_2012	[240]
NY99_USA_2005	T	R	Y	L	V	K	T	E	S	W	I	L	R	N	P	G	Y	A	L	V	A	A	V	I	G	W	M	L	G	S	[270]	
ATH002316_Kenya_2012	[270]
NY99_USA_2005	N	T	M	Q	R	V	V	F	V	V	L	L	L	L	V	A	P	A	Y	S	F	N	C	L	G	M	S	N	R	D	[300]	
ATH002316_Kenya_2012	[300]
NY99_USA_2005	F	L	E	G	V	S	G	A	T	W	V	D	L	V	L	E	G	D	S	C	V	T	I	M	S	K	D	K	P	T	[330]	

